

Math 1C: Calculus III

Class 18: Thursday 6/3/2021 (Week 9)

In-Class Meeting: 1:30PM – 3:45PM

TODAY'S PLAN:

1. We have 3 weeks of regularly scheduled class and then final exams week (no regular classes during finals week) with in-class final meetings. Please check the [Foothill Final Exam Schedule](#) for more information about your classes.
2. We will have a in-class final meeting that includes a class review survey and some final details to help me improve as your teacher. In other words, plan to show up to say goodbye on that day.
3. My current plan is to produce for you your quiz 4 problems by at least one week before our final meeting, probably much sooner.
4. [Quiz 3 Problems](#) are available now. Today's tentative due date is for Tuesday 6/8/2021 by 11:59pm. The CANVAS Assignment is ready for you now.
5. I'm still working on grading draft 1 of quiz 2. That is a major goal of mine this week. As soon as I have that ready for you, I'll send an email to let you know.
6. Luke M. suggested that having two drafts of quiz 4 would help decrease anxiety going into finals week. Jeff says he agrees but doesn't want to die or get divorced. We decided to revisit this item in future weeks as Jeff makes progress on his other responsibilities. Jeff also implores class to get politically active and advocate for better education funding so that Jeff has more time to spend serving each of you (more money for school = less students per teacher = more teacher time per student = better in-class service)

IN-CLASS JOURNAL ENTRY:

- What would your life be like if you were guaranteed free tuition and money for housing/food at a public college? How would your desired academic career be affected by this knowledge? What if you could graduate with zero debt? How would this effect your current and future life? (For more thinking about this, please see: [Get Paid To Learn- Advocate for Change](#))
- What type of power do you have to make changes to the way we fund public education? What can you do, now and in the future, to advocate for the policies you believe in (this one or any other policy) in your life at a local, state, and national level?

Room 1: 2PM

Sulphine

- If I were guaranteed free tuition and money at a public college, it would make me feel less stressed in the future. I am not really scared about debt because I think that sooner or later I will pay it off by working hard. I've been planning on pursuing a Master's degree after getting a Bachelor's, so my plans wouldn't change even if school was free, I think it would just be a change in financial stress.
- Voting and talking about it. Some people think that things are the way they are and there's nothing we can do to change it. But I think change starts with realizing change can be made and developing a want for the change. While it would be nice to have things come for free, I second Binbin with the idea that we cherish things more and work harder if there's something on the line. But I do understand that there are people with dire need of financial assistance, so I think the money would be of best use to them. I don't think it's fair for everyone to receive it. Then again, would everyone WANT to help those in need? It becomes very tricky.

Binbin

- It depends. Paying tuition sometimes is a good push for us to learn. Like if we achieve things too easy, we might not appreciate or cherish it. But if the tuition is too high, it is really a pressure and distracts us from studying.
- I don't know what to do. But I am wondering if it is the high tuition that makes education of United States attractive to students all over the world? As a foreigner, studying in US is like a way to success. I don't know. But it is really popular.

Jessica

- If school was free, i'd 100% go to grad school and continue learning. My main hesitation right now with going to grad school is that it will put me in debt. I really want to go grad school in art, but LOL that's super expensive and art isn't really a lucrative field so the likelihood of me making the money back for tuition is kinda low. Free tuition would give me more opportunity to chase my passions lol. I guess I can still do that and be broke tho.

Emma

- I don't think it would change my plans much/at all.

Room 2: Math Wizzes

Georgio - Knowing that college will be free, makes the learning experience much more effective in my opinion. Students could only focus on their education without hesitating or thinking about the funding, as that can easily make a student shift away from academics. However, I think it's a double edged sword, because making college free can also affect the student negatively. It makes the student care less about school, since he/she didn't allocate any capital towards it, whereas someone like me for example, I pay out-of-state tuition, I give more time and attention to college since for me this is like an actual investment, where I allocated a big amount of capital in order to eventually get a return on my investment. So, I think free tuition should definitely be an option, however for those who really need it, and not like a universal type of thing where everyone gets a free ride, because coming to my point, I believe that would backfire on us eventually, since it would not create an "incentive" for the students to learn. Unfortunately, incentive is all about money (more than education) in this capitalistic world, but being a realist, I cannot ignore that.

Brandon - If public colleges were able to give free tuition, I wouldn't have to worry about student debt if I got a loan just for school. I know some high school teachers from my old high school where they are still paying off their student debt, even though they have been teachers for 10+ years. For me, I would be able to focus more on school rather than finding part time jobs to help pay for my college tuition. Since we are at a community college, there is a program that gives us free tuition for 2 years and I am taking advantage of that. Unfortunately, my transfer degree may take me about 3 years to finish because of all the classes that I need to take in order to complete my transfer degree.

Shon - There actually are several institutions with full ride scholarships such as ivy league or top private universities, but for international students it is pretty hard to get in because there are several requirements that some students find challenging or lack of enough information about the institutions but anyways, if provided with full ride or sufficient scholarship, it would help to spend the more time on education rather than on working to pay the tuition, definitely, being less concerned about the financial burdens, one can grow in many ways including socially and academically. On the other hand, education can never be free because people easily give up and this is a paradox. When I have the power to change this situation, I would rather offer a scholarship based on needs considering all the contributing factors.

Rizo

Room 3: #FlonkertonGang

Will

- If I were not tasked with the responsibility of paying for my college education, I would likely have much more time to work towards my academic goals. Minimal financial stress would allow me to shift my focus away from worrying about income and open up more academic opportunities. Less financial stress = less time working at a part-time job = more time spent learning = more material learned = opportunities to tutor that

material = opportunity to do knowledge work and make money in the process = opportunities for graduate school as a result of higher grades and well-rounded extracurricular activities = increased potential for a lifelong career in knowledge work. In other words, as a result of not having to accumulate student debt for my education, I would likely trend towards a career in academia as I would no longer be at the mercy of making academic/life decisions based on finances. If I could graduate with no student debt, not only would my motivation for participating in the United States' higher education system be much higher but I would no longer view academic institutions as a mechanism for generating income and propagating inequality.

- I feel like my relative lack of power as compared to the political and economic elite makes it so that the most logical response to the above question—"What type of power do you have to make changes to the way we fund public education?"—is that I should group together with like-minded individuals and overthrow the 365-year-old academic enterprise. While I think that a political uprising is definitely within the bounds of possibility, I would prefer not to *publicly* lead that uprising as I value both my life and the invisibility of my core values/political opinions. In order to best equip myself for the sort of political uprising that would be required to upheave that system, I will continue to put my mind and heart into my coursework, learn by challenging the status quo, and remain stoic about the opinions of people I do not respect. While I might pursue knowledge work in the future, if my motivation and time management skills permit, I will always be cognizant of the hierarchical structure within which I am situated.

Molly-

I think if tuition was free people would spend more time in college to be able to explore the class options and see what actually interests them. I feel like people feel stressed about choosing a major and needing to stick with it because they have already dedicated so much money to that major. Even if they don't end up liking it they continue to do it because of the financial burren it would cause switching. I would like to believe that people would go into jobs that they actually like leading to better progress in that subject. Additionally people would take more classes over the years because it is fun like I would get multiple degrees if I could in things like designs and art and I would be able to do that over a period without stressing about money. There is something to consider that without the stress of graduating due to trying not to get into debt, people might be less motivated to work in class because they could have the mindset that there is always next quarter.

Jin

Luke H. - I think that if tuition was free and I didn't have to worry about food or housing, I would be a little less stressed about my plans for the future. While I don't think that this factors in a huge amount for me personally at the moment, I think that's only because I'm worried about being able to qualify for said public college (with a 4 year degree), but that once I get to that point I'll definitely be worried about that and when I'll graduate, so I think it would cause me to stress a lot less and hopefully be able to explore the avenues I want.

I think the flip side of this coin, and the part that I have a hard time with, is how to effectively institute this change with the power I have. I have the power to petition and write to schools about what I really

see in all of them, and how the changes they need to make from my perspective, but also those schools need state and federal funding to be able to institute this personalized learning. And where will the money come from? That's why I can have doubts about my ability to enact this change - especially given some of the challenges I've had with my ADHD and the way they've been met in good and bad ways by the school system.

Room 4: Deep Learners '95

Ricardo- It would allow me to stop working and focus on school. I haven't been able to focus on school completely since I graduated high school and college has become a 14 year journey. This would allow me to take the money that I would spend on repaying my tuition and utilize it to start a business or continue my education and use it to fund research. It would allow me to have stability. It could potentially lead to generational wealth and/or social wealth. Because debt wouldn't be as much of a burden, I would be able to take a lower-paying job that has social impact, rather than looking for jobs that pay well, to allow me to pay back my debt, I think that the only powers I have is to write to my congresspeople and senators, protest, raise awareness for issues, but I feel that my generation and the newer generation are very apathetic in general. An issue will be a hot-topic, and once the attention dies down, it is forgotten. In a nutshell, I feel that what we as citizens have to say, falls on deaf ears. Politicians will do whatever they want or add backfat to their bills to get their agenda done, even though it undermines what the general population wants.

Sanjay - If I did not have to worry about tuition or housing, I feel like I could actually focus on having a quality education without having the constant burden of external factors. Like many others I have been working since my sophomore year of high school just so I could start saving for college tuition. And a lot of times just seeing that big number of \$30k to attend a UC left me so discouraged because I am working these minimum wage jobs, and especially now, there are tons of people who graduate from a UC and still can't even get a job! So I had that doubt in my mind that, if I am going to put myself in such a tough financial situation, will it even pay itself off at the end? So without that burden and the negative thoughts, I could actually be fully invested into my education, and explore my different options, which I feel like I can't do in our present situation. Luckily as a citizen, I have the opportunity to vote for legislation and reform that can actually benefit students instead of universities. So with my vote, I can support someone who does have the best interest of us students and teachers in mind and wants to implement reform that can benefit us throughout college, and after graduation, instead of starting our post-college lives already in a hole.

Eric- Life quality would be incredibly different if tuition was covered. Without having to pay for school, rent, food and not needing to work to just barely get by would allow for much more in-depth learning, that would be extremely inspiring. The cost of higher education has swayed my view on plausible careers solely due to the fact of uncertainty of future financial situations. If cost was not factored into the equation I would not have hesitated after high school and started pursuing my education at a much higher level and would have already graduated and began working at a job I love and feel a sense of pride in. I have the power to educate myself on current policies and vote for change that would be beneficial for society as a whole.

Mathys - If I did not have to worry about money for tuition or housing, I would be able to put more time into school and less time at work. I would also be more comfortable going into a major that I truly enjoy rather than one where I would get the best bang for my buck. Graduating from college with no debt would allow me to get ahead on my finances and even secure property. I would be able to live on my own and I would be able to put my paychecks to savings rather than pay off loans. I have the power to vote for city and school district officials and therefore I can help decide on education funding, but only to a certain extent.

Room 5: FasTrak

Nick: The biggest impediment to me being full time enrolled in a university at this time is the cost of tuition. I have turned down a multitude of offers on the basis of cost, since there are a lot of unknowns regarding what I want to do as an occupation. This has made it hard for me to commit to such an expensive endeavor before I have a better idea of what I want to specialize in. Moreover, I really would like to go to school out of state most likely which means that I generally have to pay out -of- state tuition, which is a lot more. So yes, this would affect my future decisions. I suppose I am not entirely sure what I can do at this point although I have not really researched the issue all that much. I know what I can do to create change on an individual basis and for those around me, but regarding larger communities or the US university system at large, I am not sure what would be an effective use of my time in terms of manifesting real change..

If it says anything about how I feel about this issue I am and have considered studying internationally and potentially learning a completely new language for the sake of getting an education that is more affordable (and because it would just be a really cool experience), -my point is that desire to learn or work hard at something is not really a reason for me forgoing a full four year university education/ grad school etc.

Suryateja - Guaranteed free tuition at public colleges would free up a lot of opportunities in terms of academics and even my life outside academics. This would put less of a strain on my parents and would also allow me to focus on gaining the full extent of learning rather than taking certain classes and trying to “game” the college coursework.

Luke M.

Ray

Room 7: GTT

- What would your life be like if you were guaranteed free tuition and money for housing/food at a public college? How would your desired academic career be affected by this knowledge? What if you could graduate with zero debt? How would this effect your current and future life? (For more thinking about this, please see: [Get Paid To Learn- Advocate for Change](#))
- What type of power do you have to make changes to the way we fund public education? What can you do, now and in the future, to advocate for the policies you believe in (this one or any other policy) in your life at a local, state, and national level?

Wingfung

If I was guaranteed free tuition and money for housing/food at a public college, it would have a big effect on my life because the tuition is very expensive. I can save a lot of money when I graduate compared to now. I can use that money to do other things that can help me learn, like buy some books to read.

Yiqiao

1 I think if I was guaranteed free tuition and money for housing/food at a public college I could buy other stuff like a new Laptop, and things can support me learning and give me a more comfortable learning environment. That could be the positive effect But I think there is still a negative effect: that you have the extra money that you could spend, which means you may have enough money to buy a game. If I could graduate with zero debt, my future life will be absolutely easier.

2 My power I think as a student, I don't have enough power to make a change. But in the future, if I become educators, or congressmen, I can provide this suggestion to the public.

Akira

1. My life would be less stressful. Social inequities will be reduced. Talented students with low income will have a greater opportunity to move up the social ladder. I am curious what effect free tuition has on students' motivation to do well in school.
2. I can stay educated and spread awareness of issues involving public education funding. I also have the capacity to vote for people I believe in.

Room 8: TAKE

Andrew

If I were guaranteed free tuition and money for housing/food at a public college, I think I would be much more inclined to choose to attend that college compared to other private universities. As it stands right now, public universities are cheaper than private ones (e.g. CC vs Ivy League), but they are both still extremely expensive. I think I would strongly consider attending public universities both in and out of state much more than I already do. This may influence my future path in graduate school or if I choose to do a Ph.D. Additionally, one of the biggest benefits of having guaranteed zero student debt out of college is the increase in my ability to take risk. Whereas previously I would graduate with a hefty amount of student loan debt, being debtless would allow me the financial freedom to take bold risks and pursue my

passions such as building a startup or studying overseas. Ultimately, many college students are constrained to jobs they don't want but are necessary to pay off their student debt. I think that if all students were guaranteed free tuition and zero student debt, we would see a much more talented and passionate workforce since college graduates would be choosing what they were truly passionate about doing with less regard for what job pays the most for their student debt.

I think myself and all the students around me have the power to influence the way we fund public education by being proactive and speaking out. In the modern world, one of the best ways to advocate for yourself and the change you want to see in the world is by protesting and making yourself heard. The most effective method I can think of to influence the way we fund public education is by voting. I can research the upcoming local, state, and national elections and see whose policies align most closely with the change I want to see. From there, by casting a vote for that politician, I contribute my own part to bringing about a better education system. I can attend rallies and protests for changing the way we pay for public education or ones concerning how much funding California government gives to the education sector. Further, sharing and reposting on social media would have a similar effect too since many policymakers and politicians use multiple social media platforms to connect with their potential supporters.

Ethan

Room 10: (9 + 10 ... 21 !)

Francis

1. This topic is not so much for me, but rather for someone else in my family. My older brother plans to pursue a doctorate degree in medicine, which costs a lot of money. If money was not an issue for schooling, then it makes my family's whole situation that much easier. My family does not need to worry about how long my brother would be in school for, how far he can move to go to school, and there would be no debt to pay off so my brother can start with his new life right away. Money isn't something that I worry too much about at the moment because I only plan to go to school for 4 years, with the first two being at Foothill making it already that much cheaper.
2. Now I'm not that vested in politics, but I believe that voting for a candidate, into office obviously, that shares your values would be one way to achieve that. However, I don't think college should be free, rather it should be much cheaper and accessible to people. The current state of pricing for school is exponentially higher than it was, let's say, 20 years ago.

Sunny

1. To be honest, it is really expensive to be an international student. My family spent a lot of money just to “send” me overseas. If I were guaranteed free tuition and money for housing/food at a public college, it would really take off the financial pressure of my family. I probably will pursue a higher educational path other than 4-year university.
2. As a student, I don’t think I have much of the power to make changes. The only thing we can do is to speak out.